

SOIL BORING LOG & WELL CONSTRUCTION: MW-18A and MW-18B

BLUE ROCK ENVIRONMENTAL, INC.

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Project: FNC-3

FIELD LOCATION OF BORING: STATION STORE Residential				MW-17B ● MW-17A ● MW-19B MW-18A ● MW-18B ● MW-19A		FORTUNA BLVD.		DRILLING CONTRACTOR: Mitchell Drilling		BORING DIAMETER: 8-inches each		CLIENT/LOCATION: Former Fortuna Beacon, 390 S. Fortuna Blvd, Fortuna, CA			
NOT TO SCALE ← NEWBURG →								DRILL RIG OPERATOR: Rob Slagle		BORING DEPTHS: 10 and 20 feet		SCREEN SLOT SIZE: 0.010-inch		DRILLING DATE: 12/12/05	
								DRILL RIG TYPE: CME -75		WELL DEPTHS: 10 and 20 feet		WELL MATERIAL: Sch 40 PVC		FILTER PACK: #2/12 Sand	
								WELL SEAL / BOREHOLE FILL: Neat Cement over Hydrated Bentonite		PLANNED USE: Monitoring		LOGGED BY: James Linderman			
								SAMPLING METHOD: California Mod. Split-Spoon		MONITORING INST: Thermo 0.99 FV		APPROVED BY: Brian Gwinn, PG			
								FIRST ENCOUNTERED WATER DEPTH: ~12 feet bgs		STATIC WATER DEPTH - DATE:					
WELL CONSTRUCTION DETAIL		WATER LEVEL	DEPTH (FEET)	SAMPLING INTERVAL	RECOVERY	OVM READING (PPM)	GRAPHIC LOG OR USCS CODE								
MW-18A MW-18B			1				GRAVEL FILL (GP).								
			2												
			3												
			4				Silty CLAY (CL); brown; moderate plasticity; gray and orange mottling; moist; HC odor. Same as above with increasing moisture.								
			5			130									
			6												
			7												
			8												
			9												
			10			0.0									
			11												
			12												
			13												
			14				Sandy SILT (SM); brown; very fine grain sands; low to moderate plasticity; moist to wet; HC odor.								
			15			0.0									
			16												
			17												
			18												
			19												
			20			240									
			21												
			22												
			23												
			24												
			25												
			26												
			27												
			28												
			29												
			30												
							Notes: (1) MW-18A, and MW-18B were installed in individual boreholes separated by 5 feet. MW-18A was screened from 4 to 10 feet due to base rock thickness.								